GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:3577
ANSWERED ON:27.04.2007
MAPPING OF CITIES UNDER GEOGRAPHICAL INFORMATION SYSTEM
Jagannath Dr. M.

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Government has recently initiated any plan for mapping of various cities and towns under Geographical Information System (GIS) technology;

(b) if so, the details thereof, and

(c) the steps taken by the Government for commercial exploitation of GIS technology?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF EARTH SCIENCES (KAPIL SIBAL)

(a): Yes, Sir.

(b) & (c): Ministry of Urban Development has initiated a project for Mapping of urban areas on scales 1:2000/10000 under National Urban Information System (NUIS) which is a 2-D GIS for urban areas. In the first phase, 137 towns have been identified and the project is being jointly executed by Survey of India and National Remote Sensing Agency (NRSA). The core area will be mapped on the scale 1:2000 and surrounding areas on the scale 1:10000. The GIS will contain data like settlement with locality name, administrative boundary, land form/land use, transportation infrastructure, water bodies, vegetation, soil, drainage etc. with attributes of census and other data. After the base information for GIS is generated, the industry as well as the Government could use the data for creation of GIS applications for commercial use.